Search result: 1 of 1

(WO/1997/002289) PEPTIDE INHIBITORS OF FIBRONECTINE

Latest bibliographic data on file with the International Bureau

Pub. No.: WO/1997/002289 **International Application No.:** PCT/GB1996/001580
Publication Date: 23.01.1997 **International Filing Date:** 02.07.1996
Chapter 2 Demand Filed: 05.12.1996

IPC: ***C07K 7/56*** (2006.01), ***A61K 38/00*** (2006.01)

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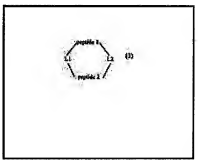
Priority Data: 9513798.0 06.07.1995 GB
9611470.7 01.06.1996 GB

Title: PEPTIDE INHIBITORS OF FIBRONECTIN

Abstract: Cyclic dimeric peptides of formula (1) wherein: peptide 1 and peptide 2 independently represent a tetrapeptide of formula - AA1-AA2-AA3-AA4- juxtaposed in parallel or antiparallel orientation; AA1 is an L or D amino acid selected from Ile, Leu and amino analogues thereof selected from Pro, Gly, Tic and Phe; AA2 is an L amino acid selected from Leu and amino acid analogues thereof selected from Ile, Phe and Val; AA3 is an L amino acid selected from Asp, Glu and amino acid analogues thereof; AA4 is an L amino acid selected from Val and amino acid analogues thereof selected from Leu, Ile, Phe and Cha (cyclohexylalanine); L1 and L2 independently represent linking moieties for linking peptides 1 and 2 to form a cyclic dipeptide; or salts thereof. The cyclic dipeptides inhibit the interaction of vascular cell adhesion molecule-1 and fibronectin with integrin very late antigen 4 and have therapeutic applications such as in rheumatoid arthritis, asthma or multiple sclerosis.



Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN.
African Regional Intellectual Property Org. (ARIPO) (KE, LS, MW, SD, SZ, UG)
Eurasian Patent Organization (EAPO) (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)
European Patent Office (EPO) (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE)
African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Publication Language: English (EN)
Filing Language: English (EN)